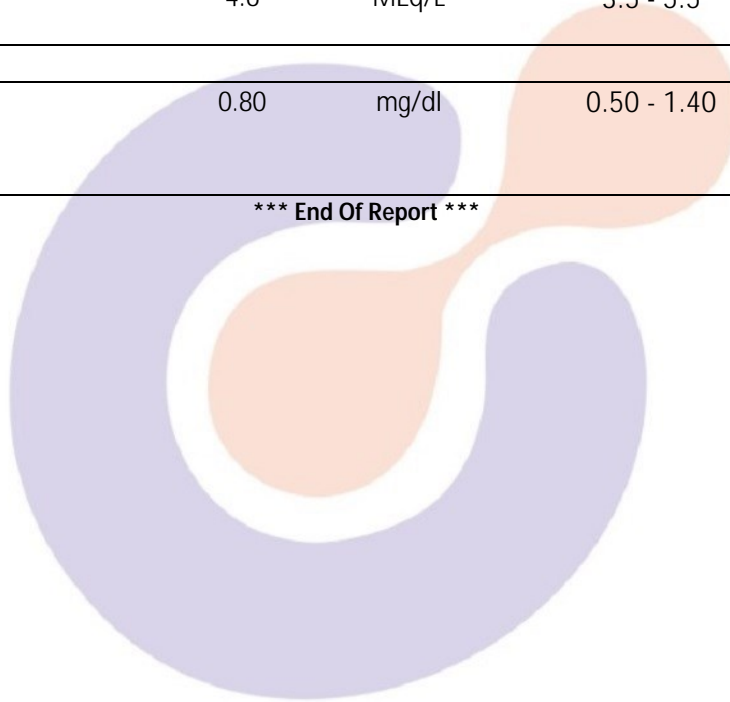


Patient Name : Mr.KANHAIYA BAX SINGH	Visit No : CHA250038016
Age/Gender : 87 Y/M	Registration ON : 03/Mar/2025 10:53AM
Lab No : 10135311	Sample Collected ON : 03/Mar/2025 10:55AM
Referred By : Dr.RAJIV RASTOGI	Sample Received ON : 03/Mar/2025 11:04AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 03/Mar/2025 11:29AM
Doctor Advice : NA+K+,CREATININE,2D ECHO	



Test Name	Result	Unit	Bio. Ref. Range	Method
NA+K+				
SODIUM Serum	136.0	MEq/L	135 - 155	ISE Direct
POTASSIUM Serum	4.6	MEq/L	3.5 - 5.5	ISE Direct
SERUM CREATININE				
CREATININE	0.80	mg/dl	0.50 - 1.40	Alkaline picrate-kinetic

*** End Of Report ***



CHARAK



MC-2491

Print.Date/Time: 03-03-2025 16:40:08

*Patient Identity Has Not Been Verified. Not For Medicolegal

[Checked By]



Sham

DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)

Patient Name	: Mr.KANHAIYA BAX SINGH	Visit No	: CHA250038016
Age/Gender	: 87 Y/M	Registration ON	: 03/Mar/2025 10:53AM
Lab No	: 10135311	Sample Collected ON	: 03/Mar/2025 10:53AM
Referred By	: Dr.RAJIV RASTOGI	Sample Received ON	:
Refer Lab/Hosp	: CHARAK NA	Report Generated ON	: 03/Mar/2025 04:06PM

2D- ECHO & COLOR DOPPLER REPORT

1. **MITRAL VALVE STUDY** : MVOA - Normal (perimetry) cm² (PHT)

Anterior Mitral Leaflet:

- (a) **Motion**: Normal (b) **Thickness** : Normal (c) **DE** : 1.5 cm.
 (d) **EF** 40 mm/sec (e) **EPSS** : 06 mm (f) **Vegetation** : -
 (g) **Calcium** : -

Posterior mitral leaflet : Normal

- (a). **Motion** : Normal (b) **Calcium**: - (c) **Vegetation** : -

Valve Score : Mobility /4 Thickness /4 SVA /4
 Calcium /4 Total /16

2. **AORTIC VALVE STUDY**

- (a) **Aortic root** :4.0cms (b) **Aortic Opening** :1.1cms (c) **Closure**: Central
 (d) **Calcium** : - (e) **Eccentricity Index** : 1 (f) **Vegetation** : -

(g) **Valve Structure** : Tricuspid,

3. **PULMONARY VALVE STUDY** Normal

- (a) **EF Slope** : - (b) **A Wave** : + (c) **MSN** : -

(D) **Thickness** : (e) **Others** :

4. **TRICUSPID VALVE** : Normal

5. **SEPTAL AORTIC CONTINUITY** 6. **AORTIC MITRAL CONTINUITY**

Left Atrium : 2.6 cms

Clot : -

Others :

Right Atrium : Normal

Clot : -

Others : -

Contd.....



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VENTRICLES

RIGHT VENTRICLE : Normal

RVD (D)
RVOT

LEFT VENTRICLE :

LVIVS (D) 1.2 cm (s) 1.9cm

Motion : normal

LVPW (D) 1.2cm (s) 1.5 cm

Motion : Normal

LVID (D) 4.6 cm (s) 3.2cm

Ejection Fraction :55%

Fractional Shortening :28 %

TOMOGRAPHIC VIEWS

Parasternal Long axis view :

CONCENTRIC LVH
FAIR LV CONTRACTILITY.

Short axis view

Aortic valve level :

AOV - THICK , CALCIFIC
PV - NORMAL
TV - NORMAL

MV - NORMAL

Mitral valve level :

Papillary Muscle Level :

NO RWMA

Apical 4 chamber View :

No LV CLOT



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PERICARDIUM

Normal

DOPPLER STUDIES

	Velocity (m/sec)	Flow pattern (/4)	Regurgitation	Gradient (mm Hg)	Valve area (cm 2)
MITRAL	e = 1.3 a = 1.7	a > e	-	-	-
AORTIC	3.1	Normal	-	-	-
TRICUSPID	0.4	Normal	-	-	-
PULMONARY	1.0	Normal	-	-	-

OTHER HAEMODYNAMIC DATA

COLOUR DOPPLER

GR II/IV AR

CONCLUSIONS :

- CONCENTRIC LVH
- FAIR LV SYSTOLIC FUNCTION
- LVEF = 55 %
- MODERATE CALCIFIC AORTIC STENOSIS (PSG = 40 mmHg)
- MODERATE AR
- NO CLOT / VEGETATION
- NO PERICARDIAL EFFUSION

OPINION – MODERATE CALCIFIC AORTIC STENOSIS WITH MODERATE AR

DR. RAJIV RASTOGI, MD,DM

*** End Of Report ***

